

What is claimed is :

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5 1. A multimedia user profile information structure for indexing and browsing a multimedia object, comprising :

search item ordering criteria information for searching and browsing the multimedia object ; and

user preference information on the search item ordering criteria for displaying the search item to be browsed in an user preferred arrangement.

10 2. The multimedia user profile information structure according to claim 1, wherein the user profile comprises item categories which can be criteria of search and browsing in order to get each search and browsing item ordering displayed according to each user's liking.

15 3. The multimedia user profile information structure according to claim 2, wherein the user profile further comprises item ordering criteria in order to determine ordering of search items on the each item category.

20 4. The multimedia user profile information structure according to claim 3, wherein the item ordering criteria comprise criteria categories informing the categories of the criteria.

25 5. The multimedia user profile information structure according to claim 4, wherein the item ordering criteria further comprise preference information informing preference about the pertinent criterion category.

6. The multimedia user profile information structure according to claim 4, wherein the criteria categories inform the preference of the user file about the pertinent item, and the search items are displayed in accordance with the preference of the user profile.

7. A multimedia search and browsing method using multimedia user profile information for indexing and browsing a multimedia object, comprising :

displaying search items in order of user preference on the basis of the item ordering criteria according to the user preference by using the search item ordering criteria information and user profile including the user preference information about the item ordering criteria ; and

browsing a searched object after searching the search object indicated by the search items displayed according to the user preference.

8. A search item preference information structure for searching and browsing a multimedia, comprising :

a search object which is the multimedia data stream ;

a search item which is criterion of indexing ;

connection information which connects the each search item to the search object ;

ordering criteria information for informing ordering criteria of the each search item ; and

a multimedia object including ordering information according to the each ordering criterion.

9. The search item preference information structure for searching and browsing the multimedia according to claim 8, wherein the search item preference information structure for searching and browsing the multimedia further comprises :

item categories for informing items which can be criteria of the search and browsing ; and

a user profile including preference value informing preference about the ordering information of the multimedia object on the each item category.

10. The search item preference information structure for searching and browsing the multimedia according to claim 8 ~~or 9~~, wherein the search item preference information structure for searching and browsing the multimedia makes the each search item ordering display according to each user's liking.

11. A multimedia search and browsing method using a user profile information structure for indexing and browsing a multimedia object, comprising :

a search object which is the multimedia data stream ;

a search item which is criterion of indexing ;

connection information which connects the each search item to the search object ;

ordering criteria information for informing ordering criteria of the each search item ;

a multimedia object including ordering information in accordance with the each ordering criterion ;

item categories for informing items which can be criteria of the search and browsing ;

a user profile including preference value informing preference about the ordering information of the multimedia object on the each item category ;

5 selecting the ordering criteria information in order of the preference value of the user profile on the each search item in search and browsing of the multimedia ;

displaying the multimedia items by using the ordering criteria information of the user profile ; and

10 browsing the search object after searching the search object indicated by the search items displayed according to the user preference.

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